

Supplemental Environmental Project (SEP) Report Card		Fortuna City Low Impact Development Project
Regional Water Board	Region 1 - North Coast	<b>OUTCOMES:</b> <input checked="" type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory
Total Project Cost	> \$ 120,000	
SEP Funding	\$36,500	
Approval Date	7/23/2009	
Project Category	Stormwater / LID	

### Summary

The City of Fortuna’s Low Impact Development SEP was comprised of four components:

1. Constructed a demonstration project using low impact development (LID) techniques on an existing City-owned parking lot. The project included creation of infiltration swales with native drought-tolerant plants, and installation of an informational sign and a bench;
2. Produced an educational video of LID benefits, options and techniques. The video includes City employees and community members explaining LID and giving examples where it has been implemented;
3. Produced a LID / Stormwater Quality Manual applicable to development projects within the City of Fortuna. The Manual includes an overview of LID practices and procedures, LID options, benefits, (including its economic value), and techniques; and,
4. Obtained City Council approval for the above-referenced LID Manual.

### Project Location Map



### LID Parking Lot Demonstration Project



### Water Quality Outcomes

- *Reduced stormwater runoff from the Parking Lot Demonstration Project.*
- *Decreased pollutant load to Eel River - pollutants from vehicles, such as oil and heavy metals, are filtered and absorbed / decomposed by the plants and microorganisms in the soil.*
- *Increased groundwater recharge by allowing rainwater the time and space to infiltrate.*
- *Educational video and manual may be used and reused to educate and inform individuals as to why and how to complete additional LID projects in the future.*